

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	Delta States
State	Louisiana
Discipline Group	Agronomy
Practice Code/Name	332 - Contour Buffer Strips
Scenario ID	4
Scenario Name	332-Organic Seed, Inc Foregone
Scenario Description	Narrow strips of permanent, herbaceous vegetative cover established around the hill slope and alternated down the slope with wider cropped strips in between that are farmed on the contour. This practice applies to all cropland. Practice includes seedbed prep and planting of certified organic seed. The area of the field border is taken out of production.
Before Practice Situation	Water Erosion Calculator (e.g. RUSLE2) indicates that there is a significant amount of sheet and rill erosion and/or a significant amount of sediment potentially delivered to the downslope edge of the field. A secondary concern is that there may not be enough wildlife/pollinator habitat, food source or refugia in the field or farm.
After Practice Situation	Certified organic grass and legume seed will be planted in strips in the field to meet the resource needs and producer objectives. Minimum widths shall be based on NRCS local design criteria specific to the purpose for installing the practice. Species shall be selected that do not function as a host for diseases of a field crop and have physical characteristics necessary to control water erosion to tolerable levels in the cropped area of the field.
Scenario Feature Measure	Number of Acres
Scenario Unit	Acre
Scenario Typical Size	1

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$222.13	\$222.13
Equipment/Installation	\$79.96	\$79.96
Labor	\$0.00	\$0.00
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$203.87	\$203.87
Total	\$505.96	\$505.96

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	268	Potassium, Organic	ORGANIC Potassium	Pound	\$1.32	20	\$26.40
Materials	267	Phosphorus, Organic	ORGANIC Phosphorus	Pound	\$2.99	20	\$59.80
Materials	266	Nitrogen, Organic	ORGANIC Nitrogen	Pound	\$2.49	30	\$74.70
Materials	98	Certified Organic, Fescue, Tall (Festuca arundinacea)	Introduced Perennial Grasses and shipping.	Pound	\$4.32	4	\$17.28
Materials	114	Certified Organic, Alfalfa (Medicago sativa)	Introduced Legumes and shipping.	Pound	\$4.38	5	\$21.90
Materials	102	Certified Organic, Smooth Bromegrass (Bromus inermis)	Introduced Perennial Grasses and shipping.	Pound	\$4.41	5	\$22.05
Equipment/Installation	946	Tillage, Primary	Includes heavy disking (offset) or chisel plow. Includes equipment, power unit and labor costs.	Acre	\$13.42	1	\$13.42
Equipment/Installation	944	Site Preparation, Mechanical	Aerator, rolling drum chopper, etc. Includes equipment, power unit and labor costs.	Acre	\$53.64	1	\$53.64
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$12.90	1	\$12.90
Foregone Income	1971	FI, Sorghum Dryland	Dryland Sorghum is Primary Crop	Acre	\$123.07	0.25	\$30.77
Foregone Income	1959	FI, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$326.97	0.25	\$81.74
Foregone Income	1961	FI, Soybeans Dryland	Dryland Soybeans is Primary Crop	Acre	\$168.41	0.25	\$42.10
Foregone Income	1967	FI, Cotton Dryland	Dryland Cotton is Primary Crop	Acre	\$197.01	0.25	\$49.25